(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau

TAIPO OMPL



(43) International Publication Date 31 December 2003 (31.12.2003)

PCT

(10) International Publication Number WO 2004/001702 A1

(51) International Patent Classification7:

G09F 3/10

(21) International Application Number:

PCT/GB2003/002625

(22) International Filing Date: 19 Jun

19 June 2003 (19.06.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0214161.2

19 June 2002 (19.06.2002) GE

- (71) Applicant (for all designated States except US): DE LA RUE INTERNATIONAL LIMITED [GB/GB]; De La Rue House, Jays Close, Basingstoke, Hampshire RG22 4BS (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): PAYNE, Gerald, Sidney [GB/GB]; 11 Northmead Close, Midsomer Norton, Radstock, Bath and South East Somerset BA3 2SG (GB). HOWLAND, Paul [GB/GB]; 71 Springfield Close, Andover, Hampshire SP10 2QR (GB).
- (74) Agents: BUCKS, Teresa, Anne et al.; Boult Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

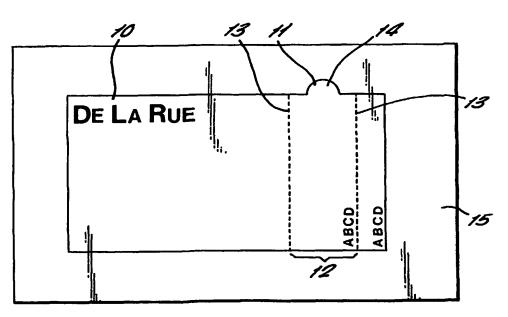
of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: IMPROVEMENTS IN PAPER



(57) Abstract: The invention relates to improvements in paper and in particular to paper for use in making labels or packaging, having a removable element. Paper having first and second opposing surfaces, and an elongate security element at least partially embedded in the paper such that when a tearing force is applied to the elongate element, a removable portion is separated from the rest of the paper.

